| Index | <b>.</b> |  |
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|       |          |  |

Application/Control No.

10/769,817

Applicant(s)/Patent under Reexamination

NEGORO ET AL.

Art Unit

Ida M. Soward

Examiner

2822

| 7  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |          |          |          |                 |          |              |              |                 |          |          |                |          |          |                    |         |   | ,            |  |              |          |     |       |            |           |              |          |          |          |          |   |
|----------|----------|----------|----------|----------|-----------------|----------|--------------|--------------|-----------------|----------|----------|----------------|----------|----------|--------------------|---------|---|--------------|--|--------------|----------|-----|-------|------------|-----------|--------------|----------|----------|----------|----------|---|
| Cla      | aim      | <u> </u> |          |          | Date Claim Date |          |              |              |                 |          |          |                |          |          |                    | _CI     | aim   | Date         |  |              |          |     |       |            |           |              |          |          |          |          |   |
| Final    | Original | 20/9/2   |          |          |                 |          |              |              |                 |          |          | Final          | Original |          |                    |         |   |              |  |              |          |     | Final | Original   |           |              |          |          |          | •        |   |
|          | 1        | 1        |          |          |                 |          |              |              |                 | ヿ        |          | $\neg$         | 51       | $\Box$   |                    |         | $\top$  | $\top$       | T                                      | 1            | П        |     |       | 101        | _         |              |          | _        | ヿ        | $\dashv$ | _ |
|          | 2        | 0        |          |          |                 |          |              |              |                 |          |          | T              | 52       |          |                    |         |   |              |  |              | П        | Ī   |       | 102        | T         |              |          |          |          | $\neg$   |   |
|          | 3        | 0        |          |          |                 |          |              |              |                 |          |          |                | 53       |          |                    |         |   |              |  |              |          |     |       | 103        |           |              |          |          |          |          | _ |
|          | 4        | 0        |          |          |                 |          |              |              |                 |          |          |                | 54       |          |                    |         |   |              |  |              |          | [   |       | 104        |           |              |          |          |          | $\Box$   |   |
|          | 5        | 0        |          |          |                 |          |              |              |                 |          | Ĺ        |                | 55       |          |                    |         |   |              |  |              |          |     |       | 105        |           |              |          | Ĩ        |          | $\Box$   |   |
| <u></u>  | 6        | =        |          |          |                 |          | L            | L            |                 |          | L        |                | 56       |          |                    |         | 丄   |              | 上                                      |              |          |     |       | 106        | $\perp$   |              |          |          |          | $\Box$   |   |
| <u></u>  | 7        | =        |          |          |                 |          | Ļ.,          | L            |                 |          | L        |                | 57       |          | _                  | _       | $\perp$   | _            |  | 丄            | Ш        | L   |       | 107        |           |              |          |          |          | $\Box$   |   |
| <u> </u> | 8        | ✓        |          |          | _               |          | _            |              | Щ               |          | L        |                | 58       |          | _                  | _       | $\perp$   | _            | ╙                                      | 上            | Ш        | Ļ   |       | 108        |           | _            |          |          |          |          |   |
|          | 9        | 0        |          |          |                 |          |              |              |                 |          | L        |                | 59       |          | 4                  | 4       | $\perp$   | _            | _                                      | <u> </u>     | Ш        | ļ   |       | 109        | _         | $\perp$      |          |          | _        |          |   |
| <u> </u> | 10       | 0        |          |          |                 |          |              |              |                 |          | <u> </u> |                | 60       |          | _                  | 4       | $\bot$  | +            | ــــــــــــــــــــــــــــــــــــــ | ļ            | Ш        | ļ   |       | 110        | 4         | 4            | _        | _        |          | _        |   |
| <u> </u> | 11       | 0        | _        | _        | _               | <u> </u> | ├-           | <del> </del> | dash            | _        | F        |                | 61       | _        | $\perp$            | $\perp$ | 4   | +            | $\vdash$                               | 1            | Ц        | -   |       | 111        | 4         | 4            | _        | _        | _        | $\dashv$ | _ |
|          | 12       | 0        |          | _        |                 | -        | ⊢            | <u> </u>     | dash            | _        | $\vdash$ |                | 62       | _        | 4                  | - -     | 4   | +            | 1_                                     | ـــ          | Н        |     |       | 112        | 4         | 4            | _        | _ļ       | _        | _        |   |
|          | 13       | =        |          |          | <u> </u>        | 1—       | <del> </del> | -            | $\vdash \vdash$ |          | F        |                | 63       | $\dashv$ | +                  | +       | +   | +-           | -                                      | $\vdash$     | Н        | -   |       | 113        | +         | 4            |          | _        | 4        | 4        |   |
|          | 14<br>15 |          |          |          | -               | <u> </u> | -            |              | $\vdash$        | -        | -        |                | 64       |          | _                  | +       | +   | +-           | ╀                                      | ┾            | Н        | ŀ   |       | 114        | +         | $\dashv$     |          | -        | _        | +        | _ |
|          | 16       | <b>0</b> | _        |          | -               |          | ├            | -            | $\vdash$        |          | -        |                | 65<br>66 | -        | +                  | +       | ╁   | +            | ┼                                      | ╁            | Н        | ŀ   |       | 115        | -         | $\dashv$     |          | -        | $\dashv$ | +        | _ |
|          | 17       | 0        | _        | _        | ┝               | ├        | $\vdash$     | ┢            | -               |          | ⊢        |                | 67       | $\dashv$ | +                  | +       | +-  | ╁            | ┼                                      | $\vdash$     | Н        | ŀ   |       | 116<br>117 | +         | $\dashv$     | -        | $\dashv$ | -        |          | _ |
|          | 18       | 0        |          |          | $\vdash$        | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$        | -        | -        |                | 68       | $\dashv$ | +                  | ╬       | ╫   | +            | ╁                                      | $\vdash$     | Н        | - } |       | 118        | +         | $\dashv$     | -        | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| -        | 19       | 0        | _        |          | $\vdash$        | $\vdash$ | $\vdash$     | -            | -               | -        | -        | -              | 69       | $\dashv$ | +                  | +       | +   | ╫            | ┼-                                     | ╁            | Н        | ŀ   |       | 119        | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| -        | 20       | =        | -        |          | <u> </u>        | $\vdash$ | $\vdash$     | $\vdash$     | $\dashv$        | $\dashv$ | -        | -              | 70       | -        | $\dashv$           | +       | +   | ╁            | ╁                                      | ┼            | $\vdash$ | ŀ   |       | 120        | +         | ┥            | -        | ᆉ        | $\dashv$ | +        | _ |
| -        | 21       | ▐        |          |          |                 | $\vdash$ | -            | -            | -               | $\dashv$ | H        |                | 71       | -+       | +                  | +       | +   | +            | ╁                                      | $\vdash$     | Н        | ŀ   |       | 121        | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| -        | 22       | N        |          |          | -               | $\vdash$ | ├            | -            | $\dashv$        | $\dashv$ | -        |                | 72       | -        |                    | +       | +   | ╁            | $\vdash$                               |              | Н        | ŀ   |       | 122        | +         | ╗            | -        | +        | -        | +        | _ |
| $\vdash$ | 23       | N        |          |          | -               | $\vdash$ | ┢            | $\vdash$     | $\vdash$        | $\dashv$ | H        | $\dashv$       | 73       |          | +                  | +       | +   | ╁            | ╁                                      | ╁            | H        | ŀ   |       | 123        | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | — |
| $\vdash$ | 24       | '        | _        | -        | -               | -        | $\vdash$     | $\vdash$     | $\vdash$        | $\dashv$ | ┝        | +              | 74       | -+       | +                  | +       | +   | +            | $\vdash$                               | ╁            | $\vdash$ | ŀ   |       | 124        | ╁         | ┥            | $\dashv$ | -        | $\dashv$ | $\dashv$ | _ |
|          | 25       | H        |          | _        | -               |          |              |              | $\vdash$        | $\dashv$ | F        |                | 75       | $\dashv$ | +                  | +       | +   | +-           | ╁╌                                     | ╁            | $\vdash$ | ŀ   |       | 125        | +         | $\dashv$     |          | +        | $\dashv$ | +        |   |
|          | 26       | $\vdash$ |          | _        |                 |          | 1            | -            | $\dashv$        | $\dashv$ | ┢        |                | 76       | +        | $\dashv$           | +       | +   | +            | ┢                                      | $\vdash$     | Н        | ŀ   |       | 126        | +         | $\dashv$     | $\dashv$ | $\dashv$ | -+       | +        | _ |
|          | 27       | $\vdash$ |          | _        | $\vdash$        | -        | ┢            |              | $\vdash$        | ┨        | ┢        |                | 77       | -        | _                  | +       | +   | +            | $\vdash$                               | $\vdash$     | $\vdash$ | ŀ   |       | 127        | +         | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ | +        | _ |
|          | 28       | $\Box$   |          |          | _               | _        | -            |              | $\dashv$        | ⊣        | F        | $\neg \dagger$ | 78       | $\dashv$ | +                  | +       | ╅   | +            | $\vdash$                               | $\vdash$     | $\vdash$ | ŀ   |       | 128        | +         | $\dashv$     | $\dashv$ | +        | $\dashv$ | $\dashv$ |   |
|          | 29       |          |          | _        |                 |          | H            |              | $\Box$          | ヿ        | <b> </b> |                | 79       | $\dashv$ | $\top$             | $\top$  | ╈   | ╁╴           | $\vdash$                               | <del> </del> | Н        | ŀ   |       | 129        | +         | 寸            | $\dashv$ | 寸        | $\dashv$ | _        | _ |
|          | 30       |          |          |          |                 |          |              |              |                 | ┪        | F        |                | 80       |          | $\top$             | $\top$  | 十   | +-           | 1                                      |              | Н        | ı   |       | 130        | +         | 7            | 寸        | 1        | _        |          | _ |
|          | 31       |          |          |          |                 |          |              |              | $\neg$          | $\neg$   | r        |                | 81       |          | 十                  | +       | 1   | $\dagger$    | T                                      |              | П        | ı   |       | 131        | +         | $\dashv$     | 一        | T        | T        | 7        | - |
|          | 32       |          |          |          |                 |          |              |              |                 |          |          |                | 82       |          | $\top$             |         |   |              |  |              | П        | Ī   |       | 132        | $\exists$ | 寸            | 寸        |          | 寸        | $\neg$   | _ |
|          | 33       |          |          |          |                 | П        |              |              |                 |          | Г        |                | 83       | T        |                    | T       | $\top$  |              |  |              | П        | Ī   |       | 133        | $\neg$    | $\exists$    |          | T        | T        | 寸        | _ |
|          | 34       |          |          |          |                 |          |              |              |                 |          |          |                | 84       |          |                    |         |   |              | L                                      |              |          | Ī   |       | 134        |           | 7            |          |          |          | $\neg$   | _ |
|          | 35       |          |          |          |                 |          |              |              |                 |          |          |                | 85       | $\Box T$ |                    | $\prod$ | Ţ   | $oxed{\Box}$ |  |              |          | ſ   |       | 135        |           | ╗            |          |          |          | $\Box$   | _ |
|          | 36       |          |          |          |                 |          |              |              |                 |          |          |                | 86       | $\Box$   | $\Box$             |         | $oldsymbol{ol}}}}}}}}}}}}}}}$ |              |  |              |          | - [ |       | 136        | T         |              |          |          |          | $\Box$   |   |
|          | 37       |          |          |          |                 |          |              |              |                 | _]       |          |                | 87       |          | $oldsymbol{\perp}$ |         | $\perp$   |              |  |              |          |     |       | 137        | I         | J            |          |          |          | $\Box$   |   |
|          | 38       | Ш        |          |          |                 |          |              |              |                 | _        | L        |                | 88       |          |                    |         |   |              |  |              |          | [   |       | 138        | $\perp$   |              |          |          |          | $\Box$   |   |
| <u></u>  | 39       | Ш        |          |          |                 |          | <u> </u>     | Щ            |                 | _        | L        |                | 89       | $\perp$  |                    | $\perp$ |   | $\perp$      |  | $oxed{oxed}$ | $\Box$   |     |       | 139        | $\perp$   | ⅃            |          | $\Box$   | I        | $\perp$  |   |
| <u></u>  | 40       | Ш        | _        | _        |                 | L.       | <u> </u>     | Щ            |                 | _        | L        |                | 90       | 4        | $\perp$            | $\perp$ | $\perp$   | $\perp$      | _                                      | $\perp$      | Ш        |     |       | 140        | _[        | $\perp$      | _[       | _[       | $\dashv$ | $\perp$  | _ |
| <u> </u> | 41       | Ш        |          |          |                 | <u> </u> | <u> </u>     |              | $\Box$          | _        | L        |                | 91       | 4        | 4                  | _       | _   | 1            | _                                      | <u> </u>     | Ш        | ļ   |       | 141        | 4         | 4            |          | $\perp$  | $\perp$  | $\dashv$ |   |
|          | 42       | $\sqcup$ |          |          |                 | $\vdash$ | <u> </u>     |              | $\sqcup$        | _        | <br> -   |                | 92       | $\dashv$ | 4                  | _       | 4   | 1            | <u> </u>                               | <b>├</b>     | Ш        | -   |       | 142        | 4         | $\downarrow$ | _        |          | 4        | $\dashv$ |   |
| <u> </u> | 43       | $\dashv$ |          | _        |                 | L        | -            | Ш            | $\dashv$        | 4        | $\vdash$ | _              | 93       | $\dashv$ | _                  |         | +   | +            | <b>├</b>                               | <b>!</b>     | Щ        | -   |       | 143        | 4         | 4            | _        | _        | 4        | $\dashv$ | _ |
|          | 44       | $\vdash$ | -        |          |                 | <u> </u> | $\vdash$     | Н            | -               | $\dashv$ | $\vdash$ |                | 94       | $\dashv$ | +                  | $\bot$  | +   | -            | ⊬                                      | <u> </u>     | Щ        | -   |       | 144        | 4         | 4            | _        | $\dashv$ | $\dashv$ | $\dashv$ |   |
| -        | 45<br>46 | $\vdash$ | -        | -        | $\vdash$        | H        | <u> </u>     | $\vdash$     |                 | $\dashv$ | $\vdash$ | $\dashv$       | 95       | $\dashv$ | +                  | +       | +   | +            |  | $\vdash$     | Щ        | -   |       | 145        | +         | 4            | 4        | $\dashv$ | 4        | $\dashv$ | _ |
| <u> </u> | 45       | $\dashv$ | -        | $\dashv$ | $\vdash$        | -        | $\vdash$     | Н            | _               | 4        | -        |                | 96<br>97 | -        | +                  | +       | +   | +            | ├                                      | Н            | Н        | -   |       | 146        | +         | 4            | $\dashv$ | -        | $\dashv$ | $\dashv$ |   |
|          | 47       | $\dashv$ | $\dashv$ | $\dashv$ |                 | Н        | $\vdash$     | Н            | $\dashv$        | $\dashv$ | -        |                |          | +        | -                  | -       | +   | +            | -                                      | -            | Н        | -   |       | 147        | +         | +            | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
| <b>—</b> | 48       |          | $\dashv$ | -        | $\dashv$        | $\vdash$ | $\vdash$     | $\vdash$     | -               | $\dashv$ | -        | -              | 98<br>99 | +        | +                  | +       | +-  | +            | -                                      | $\vdash$     | Н        | }   |       | 148        | +         | $\dashv$     | -        | -        | $\dashv$ | +        | _ |
| -        | 50       | $\dashv$ | $\dashv$ |          |                 | Н        | $\vdash$     | $\vdash$     | $\dashv$        | $\dashv$ | -        | $\dashv$       | 100      | -+       |                    | +       | +   | +            | ├-                                     | $\vdash$     | $\dashv$ | ŀ   |       | 149<br>150 | +         | +            | -        | -        |          | +        | _ |
| لــــا   | 50       |          | ↓        | 1        |                 | ш        | Ц.,          | ш            |                 |          | L        |                | 100      |          | 丄                  | ᆚ       |   |              |  | Ш            | $\Box$   | L   |       | 150        | L         |              | L        |          |          |          | _ |